

RSA SecurID Tokens

NASA uses RSA SecurID technology to provide secure authentication to its supercomputing resources. To log into the systems in the NAS secure enclave, all NAS users must have an RSA SecurID token. When you get a new NAS account or need to renew an existing NAS token, you can choose one of two types:

- Hard token (a small hardware device called a fob)
- Soft token (a software app installed on your iPhone or Android device)

Both types of token generate a pseudo-random number, called a tokencode, at regular intervals. The tokencode is used in conjunction with a personal identification number (PIN) to authenticate to NAS systems.

To learn more about RSA SecurID technology, see the [RSA website](#).

Note: If your RSA SecurID token was provided by NAS and you need support, please contact the NAS Control Room at (800) 331-8737 or (650) 604-4444. If your token was provided by another NASA center, please contact your local help desk for assistance.

Hard Token (Fob)

The RSA SecurID fob generates and displays a six-digit token code every 30 seconds. Your PIN is combined with the tokencode currently displayed on the device to create a passcode, and the passcode is used to authenticate into NAS systems. This is known as One Time Password (OTP) technology.

For example, a PIN **xyy123zzz** combined with the tokencode shown below creates a one-time passcode, **xy123zzz101568**:



On the left end of the display, six bars serve as a countdown timer for the currently displayed tokencode. Once the bars are gone, a new random number is displayed and the six bars re-appear to restart the countdown process.

The back side of the fob has three identifiers:

- Unique serial number
- Expiration date
- Manufacturer's batch number

To learn how to create your PIN and log into NAS systems, see [Enabling Your RSA SecurID Hard Token \(Fob\)](#).

Fob Care

Do not expose the fob to extreme temperature, pressure, x-rays, or magnetic fields.

If your NAS-supplied RSA SecurID fob is damaged or lost, immediately contact the NAS Control Room at (800) 331-8737 or (650) 604-4444 to request a replacement fob. Replacement may take a few days, depending on postal delivery times. Therefore, to help you access NAS systems while you wait for your new fob to arrive, the Control Room analyst can issue you a set of 10 temporary passwords (each usable only once and in combination with your PIN). You may request another set if the initial set is used before your fob arrives.

Soft Token

The RSA SecurID soft token app is available for your iOS or Android device.

Like the fob, the soft token displays a tokencode every 30 seconds. However, the soft token uses a different, two-step method of associating a PIN with a tokencode. First, you enter your PIN into the app, as shown in the first screen below. The second screen displays an eight-digit tokencode:



This eight-digit tokencode is your entire passcode. Because it is associated with the PIN that was used to obtain it via the soft token, it does not need to be combined with the PIN to log into NAS systems or other agency systems.

TIP: Some agency systems may specify that your passcode is your PIN + tokencode. If you have an RSA SecurID soft token, disregard this instruction. Enter only the tokencode.

To learn how to create your PIN and log into NAS systems, see [Enabling Your RSA SecurID Soft Token \(App\)](#).